Support arm pivot

Keyboard tray	dimensions page 15
Colours to choose	aluminium parts RAL 9016 pure white / RAL 9002 grey white
Max. load capacity support arm	16 kg / 35.3 lbs
Max. load keyboard tray	5 kg / 11 lbs
Product weight	240 mm: 1.9 - 3.5 kg / 9.5": 4.2 - 7.7 lbs (according to dimensions of keyboard tray)
	300 mm: 2 - 3.6 kg / 11.8": 4.4 - 79.4 lbs (according to dimensions of keyboard tray)
Part number	arm length 240 mm / 9.5" arm length 300 mm / 11.8"
	A-224E-Y.D_T A-230E-Y.D_T

Fixings   Y

4V	2F	3	3DR 3TX	1 1F 1C 1V
Adapter for vertical wall channel	Fixed rail clamp	Vertical rail clamp	Dual vertical rail clamp	Fixed / universal pole clamp

| 13	17	10	9	4K
Adapter for Mindray medical supply units	Adapter for Amico pendants & headwalls	Adapter for Maquet anaesthesia machines	Adapter for Löwenstein Medical anaesthesia machines	Adapter for anaesthesia machines with existing side channel

Support arm pivot

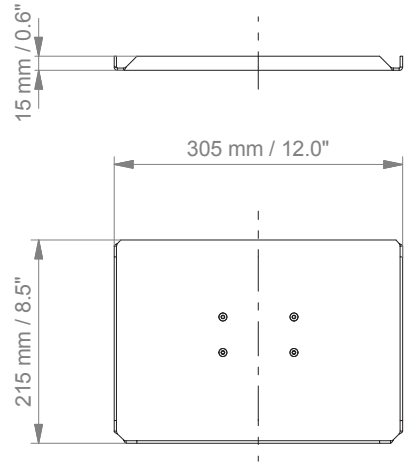## Technical data - arm length 300 mm / 11.8", keyboard tray 580 x 200 mm / 22.8 x 7.9"
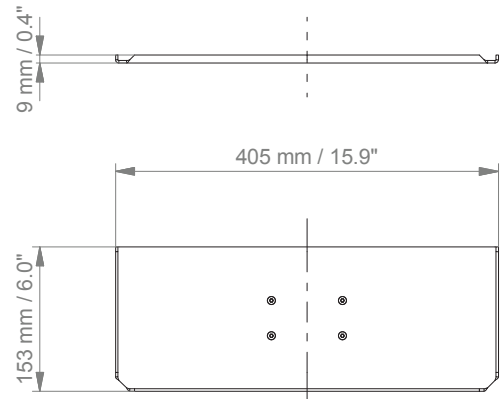
SIDE VIEW

229 mm / 9.0"

379 mm / 14.9"

TOP VIEW

205 mm / 8.1"

105°

105°

360°

585 mm / 23.0"
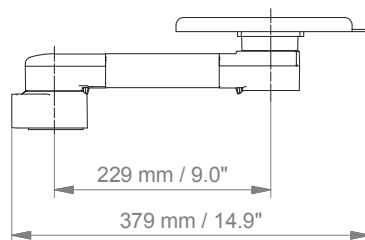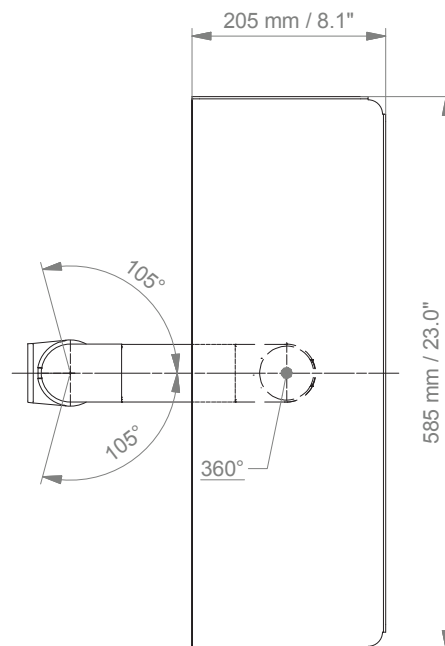
Keyboard tray options

Keyboard tray 300 x 210 mm / 11.8" x 8.3"

15 mm / 0.6"

305 mm / 12.0"

215 mm / 8.5"

Keyboard tray 400 x 150 mm / 15.7" x 5.9"

9 mm / 0.4"

405 mm / 15.9"

153 mm / 6.0"

Keyboard tray 500 x 200 mm / 19.7" x 7.9"

15 mm / 0.6"

505 mm / 19.9"

205 mm / 8.1"

Keyboard tray options

Keyboard tray 580 x 200 mm / 22.8" x 7.9"

15 mm / 0.6"

585 mm / 23.0"

205 mm / 8.1"
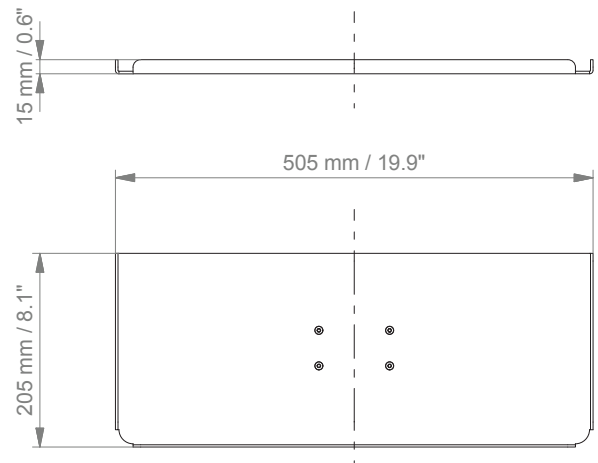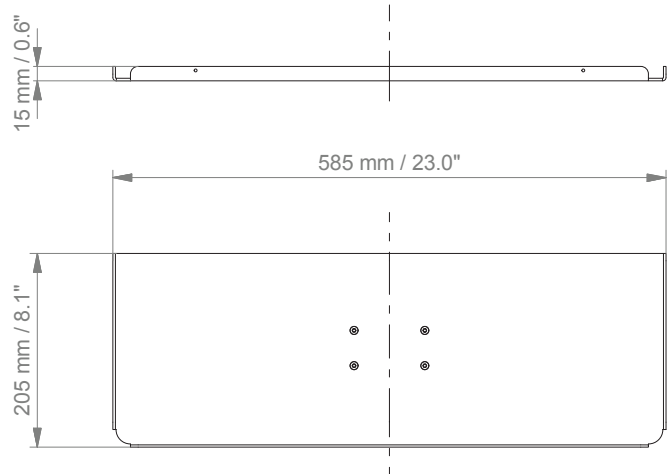
Keyboard tray with retractable left / right mouse tray 480 x 220 mm / 18.9" x 8.7", mouse tray 226 mm / 8.9"

35 mm / 1.4"

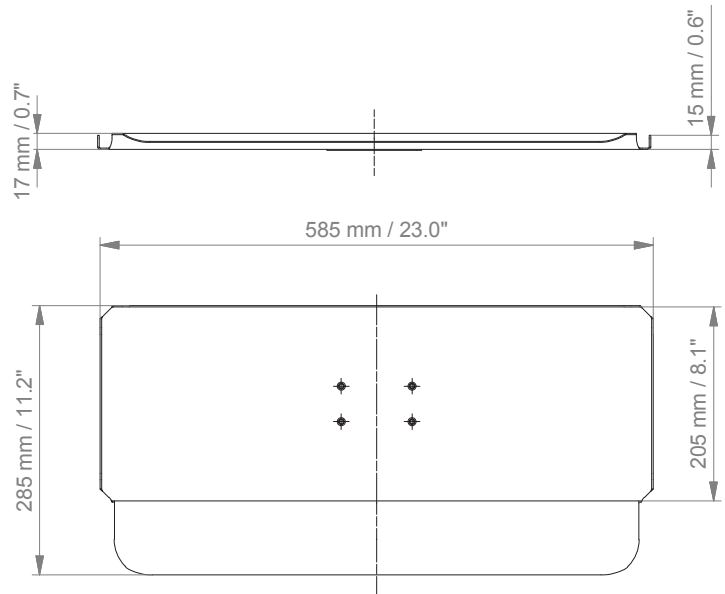485 mm / 19.1"

226 mm / 8.9"

220 mm / 8.7"
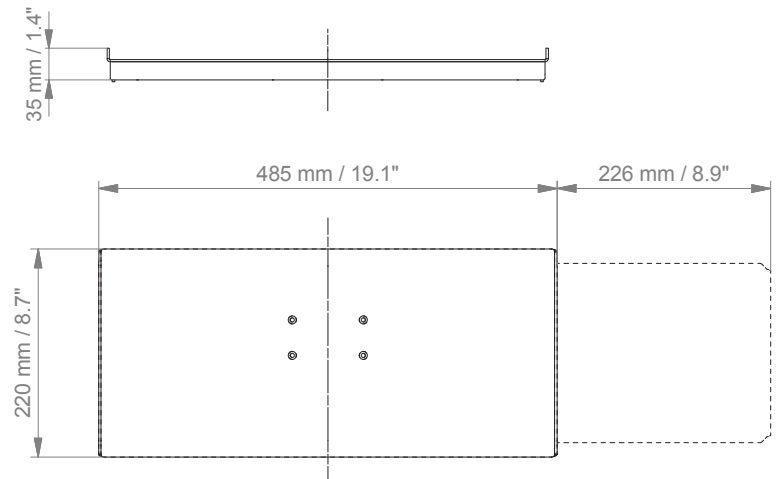
Tray for keyboard and mouse

Keyboard tray with wrist rest 500 x 200 mm / 19.7 x 7.9"

17 mm / 0.7"
15 mm / 0.6"
505 mm / 19.9"
285 mm / 11.2"
205 mm / 8.1"
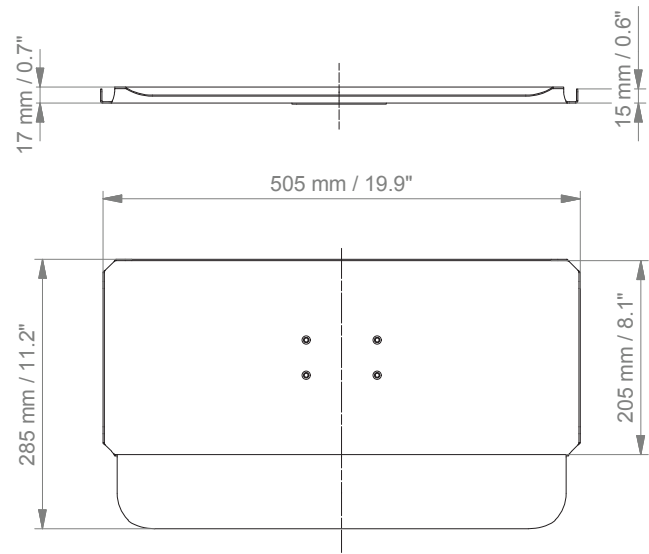
Keyboard tray with wrist rest 580 x 200 mm / 22.8 x 7.9"

15 mm / 0.6"
17 mm / 0.7"
585 mm / 23.0"
285 mm / 11.2"
205 mm / 8.1"

Fixings

Illustration	Description	Notes	Part no.
	Adapter for vertical wall channel	To mount to CIM wall channel (compatible with GCX channel) Please order separately: CIM wall channel, see catalogue accessoires	4V
	Fixed rail clamp	To mount to horizontal European rails 10 x 25, 8 x 35, 10 x 30, 10 x 50 mm	2F
	Vertical rail clamp	To mount to vertical European rail 10 x 25 mm	3
	Dual vertical rail clamp	To mount to two parallel vertical European rails 10 x 25, 8 x 35, 10 x 30, 10 x 50 mm Distance between rails 150 mm / 5.9", e.g. Dräger pendant Distance between rails 225 mm / 8.9", e.g. Trilux pendant	3DR 3TX
	Fixed pole clamp	To mount to pole ø 25 mm / 1.0" To mount to pole ø 35 mm / 1.4" To mount to pole ø 38 mm / 1.5"	1 1F 1C
	Universal pole clamp	V-block to mount to pole ø 23 - 40 mm / 0.9 - 1.6"	1V
	Adapter medical supply units	For Mindray medical supply units	13
	Adapter pendants & headwalls	For Amico pendants & headwalls	17

Fixings for anaesthesia machines

Illustration	Description	Notes	Part no.
	Adapter for Maquet anaesthesia machines	Cone adapter for Maquet FLOW i	10
	Adapter for Löwenstein Medical anaesthesia machines	Adapter for Leon / Leon plus	9
	Adapter for anaesthesia machines (all suppliers)	H 80 mm / 3.1" With existing side channel	4K
If your anaesthesia machine does not have a side channel already mounted to the machine, please order the following in addition to 4K:			
	Adapter for Dräger	Dräger Primus / Julian / Cato / Fabius GS / Zeus side channel adapter L 127 mm / 5" side channel adapter L 320 mm / 12.6"	DR-J01 DR-J02
	Adapter for GE	GE Avance / Aespire / Aestiva side channel adapter L 200 mm / 7.9"	DX-AES-01

How to create part numbers

Part numbers can be easily created by following the steps below:

Please replace the letters in green with the part no. code as per your requirements.

1. **Components' grounding:**

A	=	grounded

2. **Choose the arm version required:**

224E / 230E	=	support arm pivot
33030E	=	extended pivot arm light
431E	=	height adjustable arm
73130E	=	extended height adjustable arm

3. **Specify where you want to mount the arm and select the fixing (Y):**

1V	=	pole ø 23 - 40 mm / 0.9 - 1.6"
1	=	pole ø 25 mm / 1.0"
1F	=	pole ø 35 mm / 1.4"
1C	=	pole ø 38 mm / 1.5"
2F	=	horizontal rails 10 x 25, 8 x 35, 10 x 30, 10 x 50 mm
3	=	vertical rail 10 x 25 mm
3DR	=	dual vertical rails, distance 150 mm/ 5.9"
3TX	=	dual vertical rails, distance 225 mm/ 8.9"
4V	=	vertical wall channel
13	=	Mindray medical supply units
17	=	Amico pendants & headwalls
9	=	Löwenstein Medical anaestesia machine
10	=	Maquet FLOW i anaestesia machine
4K	=	anaestesia machine with existing channel

How to create part numbers

4. **Choose the colour requested for decorative parts (C):**

   gr   =   RAL 7024 (dark grey)
   bl   =   RAL 5013 (blue)

5. **Choose the colour requested for the aluminium die-cast parts (D):**

   1   =   RAL 9016 (pure white)
   2   =   RAL 9002 (grey white)

6. **Specify the spring depending on the weight of your monitor/ device - only with height adjustable arms (X):**

   60   =   0 - 4 kg / 0 - 8.8 lbs

7. **Specify the requested size of the keyboard tray and mouse (T):**

Standard	Magnetic	With wrist rest		Dimensions
30	30S		=	300 x 210 mm / 11.8 x 8.3"
40	40S		=	400 x 150 mm / 15.7 x 5.9"
50	50S	50W	=	500 x 200 mm / 19.7 x 7.9"
58	58S	58W	=	580 x 200 mm / 22.8 x 7.9"
RC			=	480 x 220 mm (retractable mouse tray left/right 226 mm / 8.9")

Example

01 Grounding		02 Arm version		03 Fixing		04 & 05 Colour		06 Spring tension		07 Keyboard tray
A	-	431E	-	Y	.	CD	_	60	_	T
A	-	431E	-	4V	.	gr1	_	60	_	58S

General notes

Components' grounding

All arms with integrated cable management are equipped with **component grounding**. No grounding is required for arms with external or semi-integrated cable management with cables not being led through joints.

Load capacity

All **height adjustable arms** have a load capacity of 22 kg / 48.5 lbs. Rear mounted monitor adaptations and horizontally mounted 5" plunge plates accept a maximum monitor weight of 18 kg / 39.7 lbs. An additional 4 kg / 8.8 lbs may be mounted on a down post underneath the front swivel part. Depending on material and tensile factor all weight indications have a 4-fold and / or 6-fold safety factor according to EN 60601-1, 3rd Edition regulations.

Custom-designed solutions and MRI applications

Please contact us for **custom-designed** solutions.

Product marking

All CIM products are CE marked. As **medical product risk class 1** and they conform with the regulations MDD 93/42 ECC and EN 60601-1, 3rd Edition. TUEV reports for numerous products especially for anaesthesia applications guarantee electrical and mechanical safety of our products and are available upon request.

Product highlights

Non-height adjustable arm

Pivot and extended pivot arms offer **full cable integration** and easy cleaning for **infection control** in all critical care areas in the clinical environment. Our **5-years warranty** guarantees reliable, trouble-free and maintenance-free operation. The swivel function at the fixing point as well as the **tilt/ swivel function** of the monitor adaptation offers optimum positioning of your device. The extended pivot arm is a two-part arm with central pivot point between the two arm sections. All bottom-mounted monitors have the safety feature of a **20° tilt stop**.

Height adjustable arm

The height adjustable arm offers **full cable integration**, one-wipe clean surfaces and our **5-year warranty** on the entirety of the product. Vertically and horizontally adjustable, the arm offers optimal positioning of your device. A constant viewing angle when vertically adjusted is guaranteed by a parallel linkage. **Weight-optimized springs counter-balance** the monitor without making any adjustments. All bottom-mounted monitors have the safety feature of a **20° tilt stop**. Individual rotational stops may be integrated in any joint.

To provide the perfect combination of arm and monitor, the CIM articulated height adjustable arm has a simple quarter-turn lock to hold the arm safely in position when removing the monitor. Furthermore the arm is equipped with the unique safety feature of a slow-release gas spring. Should anybody try to remove the monitor before locking the arm in position, the arm will only rise at a slow and even tempo.

SAFETY